



STATE OF WASHINGTON  
**DEPARTMENT OF ECOLOGY**

**Richland Field Office**

3100 Port of Benton Blvd., Richland, WA 99354 • 509-372-7950

May 22, 2023

23-NWP-051

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Re: Transmittal of the Department of Ecology's Legal Copy of the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste* (Site-wide Permit), WA7890008967, Quarter Ending March 31, 2023 (8C.2023.Q1)

Dear Addressees:

The Department of Ecology (Ecology) reviewed the United States Department of Energy's (USDOE) letter and enclosures (Reference). Ecology confirms that we approved the Class <sup>1</sup>1 Modifications and concurred with the Class 1 Modifications listed in the referenced letter in the quarter ending March 31, 2023. Ecology incorporated the modifications into the Site-wide Permit.

Ecology incorporated non-enforceable changes to portions of the Site-wide Permit provided by the Permittees according to Permit Condition II.A.4a. The non-enforceable changes that were incorporated within this quarter are documented in this letter.

**Ecology approved the following Class <sup>1</sup>1 Modifications and concurred with the Class 1 Modifications in the quarter ending March 31, 2023:**

**Permit Attachments**

Permit Attachment 3, "Security":

- **PCN-ATT3-2023-01** – Permit Attachment 3, "Security," Class 1 Modification concurred with on February 16, 2023.

Permit Attachment 4, "Hanford Emergency Management Plan":

- **PCN-HEMP-2021-01** – Permit Attachment 4, "Hanford Emergency Management Plan," Class <sup>1</sup>1 Modification approved on January 31, 2023.

*Permit Attachment 4A, "Building Emergency Directors/Building Wardens":*

- **PCN-4A-2023-01** – Permit Attachment 4A, "Building Emergency Directors/Building Wardens," Class 1 Modification concurred with on March 14, 2023.

**Part III, Unit-Specific Conditions for Operating Units**

*Low-Activity Waste Pretreatment System, Operating Unit Group 1:*

- **PCN-LAWPS-2022-02** – "Unit-Specific Permit Conditions," and Addendum C, "Process Information," Class <sup>1</sup>1 Modification approved on February 28, 2023.

*Waste Treatment and Immobilization Plant (WTP), Operating Unit Group 10:*

- **24590-WTP-PCN-ENV-22-002** – "Unit-Specific Permit Conditions," Chapter 3B, "Quality Assurance Project Plan for the Waste Analysis Plan," Chapter 4G, "Direct-Feed Low-Activity Waste (Effluent Management Facility)," Class <sup>1</sup>1 Modification approved on January 11, 2023.
  - The letter number 23-ECD-002963 in Reference 10 of the USDOE's letter (Reference) should be 22-ECD-002963.

- **24590-WTP-PCN-ENV-22-005** – Appendix 1.3, “WTP Interim Compliance Schedule WTP Low-Activity Waste Facility,” and Appendix 1.4, “Interim Compliance Schedule WTP Effluent Management Facility,” Class <sup>1</sup>1 Modification approved on February 13, 2023.
  - The letter number 23-ECD-003917 in Reference 7 of the USDOE’s letter (Reference) should be 22-ECD-003917.
- **24590-BOF-PCN-ENV-22-002** – Chapter 4G, “Direct-Feed Low-Activity Waste (Effluent Management Facility),” Class <sup>1</sup>1 Modification approved on February 15, 2023.
- **24590-BOF-PCN-ENV-22-001** – Appendix 13.2, “Balance of Facilities Piping and Instrument Diagrams,” and Appendix 13.6, “Mechanical Diagrams,” Class <sup>1</sup>1 Modification approved on February 16, 2023.
- **24590-LAW-PCN-ENV-22-002** – Appendix 9.2, “Low-Activity Waste Building Piping and Instrumentation Diagrams,” and Appendix 9.4, “Low-Activity Waste Building General Arrangement Drawings,” Class 1 Modification concurred with on March 1, 2023.

#### **Part V, Unit-Specific Conditions for Units Undergoing Closure**

##### **PUREX Tanks TK-P4 and TK-40, Closure Unit Group 33:**

##### **PCN-PUREX-2023-01**

- Addendum H, “Closure Plan” – Class <sup>1</sup>1 Modification, approved on February 14, 2023.

**Ecology incorporated the following non-enforceable changes in the quarter ending March 31, 2023:**

#### **Permit Attachments**

##### ***Permit Attachment 4A, “Building Emergency Directors/Building Wardens”:***

- **NEC-4A-2022-04** – Ecology received USDOE’s letter 22-ECD-003759 dated December 6, 2022, submitting non-enforceable changes to Permit Attachment 4A, “Building Emergency Directors/Building Wardens.” We agree that these specific changes to Permit Attachment 4A are non-enforceable changes to the Site-wide Permit. Ecology incorporated the non-enforceable changes in Permit Attachment 4A on January 23, 2023, and updated the Site-wide Permit within this quarter.
- **NEC-4A-2023-01** – Ecology received USDOE’s letter 23-ECD-000704 dated March 6, 2023, submitting non-enforceable changes to Permit Attachment 4A, “Building Emergency Directors/Building Wardens.” We agree that these specific changes to Permit Attachment 4A are non-enforceable changes to the Site-wide Permit. Ecology incorporated the non-enforceable changes in Permit Attachment 4A on March 21, 2023, and updated the Site-wide Permit within this quarter.

Brian T. Vance, et al.  
May 22, 2023  
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A Legal copy of the Site-wide Permit is at the location listed below:

Department of Ecology  
Nuclear Waste Program  
3100 Port of Benton Boulevard  
Richland, Washington 99354

All permitting and compliance work must be completed under the legal version of the Site-wide Permit.

A copy of the Site-wide Permit is available on the web at:  
<https://fortress.wa.gov/ecy/nwp/permitting/hdwp/rev/8c/index.html>.

Portions of the Site-wide Permit contain Confidential Business Information or Official Use Only documents. This information is not available for public review.

Individuals can request copies on DVD, hard copy, or request to view documents in Ecology's Resource Center. Please contact Ecology at [hanford@ecy.wa.gov](mailto:hanford@ecy.wa.gov), (509) 578-9298, or (509) 380-4555.

If there are any questions regarding this letter, please contact Jennifer Lisa Cantu, Site-wide Permit Quarterly Lead, at [jennifer.cantu@ecy.wa.gov](mailto:jennifer.cantu@ecy.wa.gov) or (509) 318-5949.

Sincerely,

 Digitally signed by  
Schleif, Stephanie (ECY)

Stephanie Schleif  
Deputy Program Manager  
Nuclear Waste Program

jc/tla  
Enclosure

cc: See page 5

Reference: Letter 23-ECD-001218, dated April 7, 2023, "Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act Permit, Quarter Ending March 31, 2023"

cc electronic:

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Tim Hamlin, EPA  
Michelle Mullin, EPA  
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Tony McKarns, USDOE  
Paul Pak, USDOE  
Brian Stickney, USDOE  
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Environmental Portal  
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Hanford Site-wide Permit  
Hanford Facility Operating Record  
BNI Correspondence Control  
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Jon Perry, HMIS

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